

Title (en)

METHOD FOR SELECTING COLOURS FOR A COLOUR IMAGE

Publication

EP 0301207 A3 19901107 (EN)

Application

EP 88109053 A 19880607

Priority

US 7907887 A 19870728

Abstract (en)

[origin: EP0301207A2] A method for selecting a limited number of presentation colors from a larger palette for a selected image. A three-dimensional color histogram of said image is generated (50, 52) and a first color is selected (54) based upon the color occurring most frequently in the image. Subsequent presentation colors are selected (58) by choosing one at a time those colors having the highest weighted frequency of occurrence wherein the weighting is such that colors closest to the previously selected color are weighted very little, while colors furthest away from the previously selected color are weighted the most.

IPC 1-7

H04N 1/46

IPC 8 full level

G06F 3/153 (2006.01); **G09G 1/00** (2006.01); **G09G 5/06** (2006.01); **H04N 1/64** (2006.01)

CPC (source: EP US)

H04N 1/644 (2013.01 - EP US)

Citation (search report)

- [A] EP 0132641 A2 19850213 - DORNIER SYSTEM GMBH [DE]
- [A] EP 0159691 A2 19851030 - IBM [US]
- [X] IBM TECHNICAL DISCLOSURE BULLETIN. vol. 29, no. 3, August 1986, NEW YORK US pages 1329 - 1334; "Procedure for optimum choice of a small number of colors from a large color palette for color imaging"
- [X] IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE vol. 2, December 1986, HOUSTON US pages 1138 - 1142; G. HOULE AND E. DUBOIS: "Quantization on color images for displays on graphic terminals"

Cited by

EP1694051A4; EP0930777A1; EP0544258A1; EP1107579A3; DE4415486A1; DE4415486C2; EP0705027A3; US5825917A; EP2284799A1; US10972742B2; WO2015091879A3; WO9950820A1; KR100387341B1

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DOCDB simple family (application)

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